vtech®

User's manual

www.vtechphones.com

Models:

LS6425/LS6425-2/
LS6425-3/ LS6425-4/
LS6426-3/LS6426-4

DECT 6.0

Congratulations

on purchasing your new VTech product. Before using this telephone, please read **Important safety instructions** on page 67 of this manual.

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech telephone. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product. For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com. In Canada, please visit www.vtechcanada.com.

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Registration

Register your product online for enhanced warranty support.

Product news

Learn about the latest VTech products.

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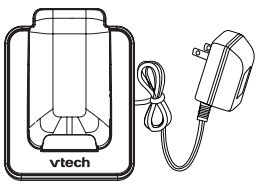
Getting started

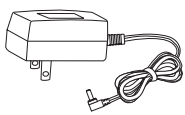
Parts checklist

Your telephone package contains the following items. Save your sales receipt and original packaging in case it is necessary to ship your telephone for warranty service.

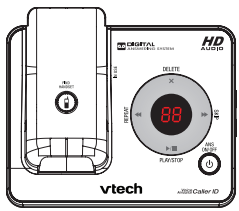


Handset charger and charger adapter

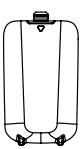
(1 for LS6425-2, 2 for LS6425-3 and LS6426-3, and 3 for LS6425-4 and LS6426-4)



Telephone base power adapter

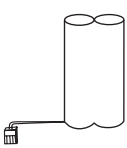


Telephone base



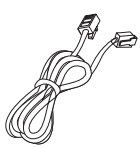
Battery compartment cover

(1 for LS6425, 2 for LS6425-2, 3 for LS6425-3 and LS6426-3, and 4 for LS6425-4 and LS6426-4)



Battery

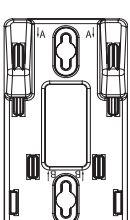
(1 for LS6425, 2 for LS6425-2, 3 for LS6425-3 and LS6426-3, and 4 for LS6425-4 and LS6426-4)



Telephone line cord

Handset

(1 for LS6425, 2 for LS6425-2, 3 for LS6425-3 and LS6426-3, and 4 for LS6425-4 and LS6426-4)



Wall mount bracket

User's manual

Quick start guide

note To purchase replacement batteries or power adapters, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

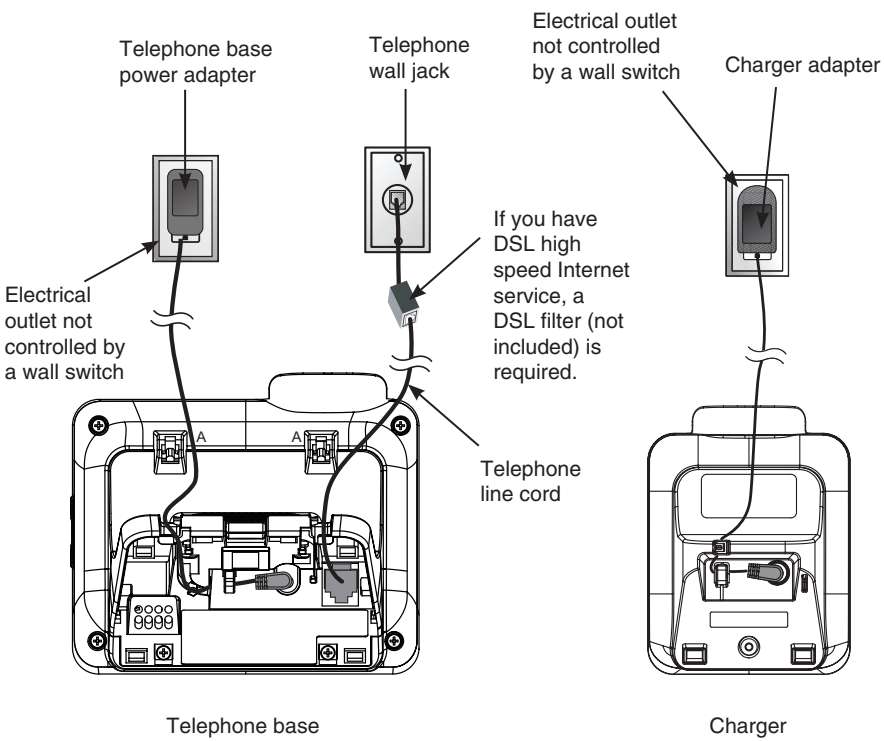
Getting started

Telephone installation

Install the telephone base and charger(s) as shown below.

Make sure that the electrical outlet is not controlled by a wall switch.

If you subscribe to digital subscriber line (DSL) high-speed Internet service through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

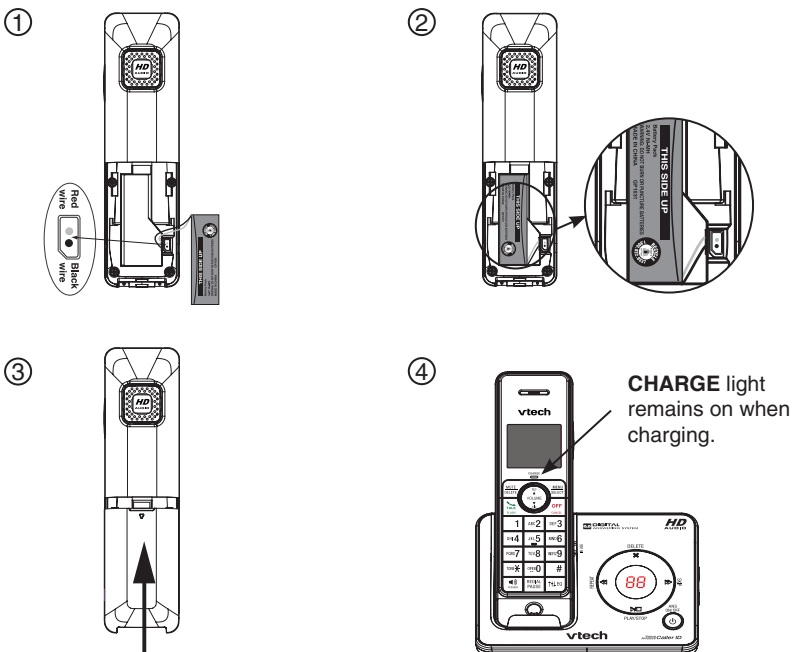

Telephone base power adapter
Telephone wall jack
Electrical outlet not controlled by a wall switch
Charger adapter
If you have DSL high speed Internet service, a DSL filter (not included) is required.
Electrical outlet not controlled by a wall switch
Telephone line cord
Telephone base
Charger

Getting started

Battery installation

Install the battery as shown below.

1. Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label.
2. Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.
3. Align the cover flat against the battery compartment, then slide it towards the center of the handset until it clicks into place.
4. Charge the handset by placing it in the telephone base or charger. The **CHARGE** light is on when the handset is charging.



note

- If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- To purchase replacement batteries, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

Getting started

Battery charging

Once you have installed the battery, the screen indicates the battery status (see the table below).

note

- For best performance, keep the handset in the telephone base or charger when not in use.
- The battery is fully charged after 10 hours of continuous charging.
- If you place the handset in the telephone base or the charger without plugging in the battery, the screen displays **No battery**.

Battery indicators	Battery status	Action
The screen is blank, or displays **Place in charger** and [] flashes.	Battery has no or very little charge. The handset cannot be used.	Charge without interruption (about 30 minutes).
The screen displays **Low battery** and [] flashes.	Battery has enough charge to be used for a short time.	Charge without interruption (about 30 minutes).
The screen displays **HANDSET X**.	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

When the battery is fully charged, you can expect the following performance:

Operation	Operating time
While in handset use (talking*)	Up to seven hours
While in speakerphone mode (talking*)	Up to five hours
While not in use (standby**)	Up to seven days

*Operating times vary depending on your actual use and the age of the battery.

**Handset is not charging or in use.

After you install your telephone or power returns following a power outage, the handset will prompt you to set the date and time (see page 13). To skip setting the date and time, press **OFF/CANCEL**.

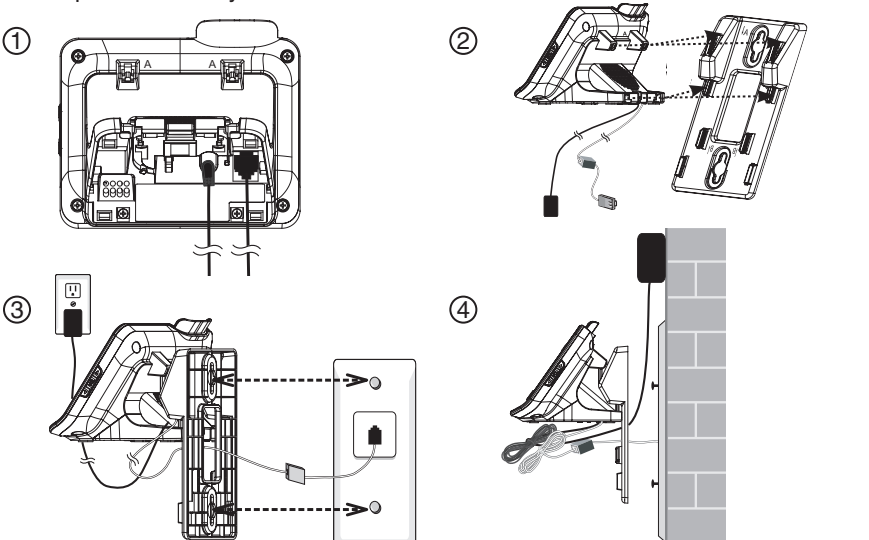
Getting started

Installation options

Your telephone base is ready for tabletop use. If you want to mount your telephone on a wall, use the provided wall mount bracket to connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronics retailers. You may need a professional to install the mounting plate.

Tabletop to wall mount installation

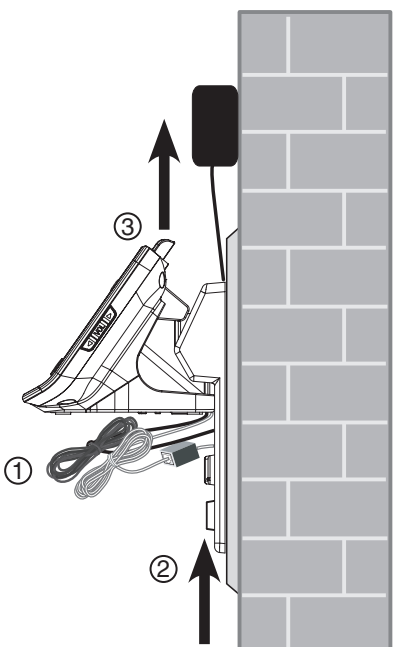
1. Plug one end of the telephone line cord into the **TEL LINE** jack on the bottom of the telephone base. Plug the small end of the power adapter into the **POWER** jack on the bottom of the telephone base.
2. Position the lower portion grooves on the telephone base to the lower portion tabs (marked **A**) on the wall mount bracket. Make sure the upper portion grooves of the telephone base are above the upper portion tabs on the wall mount bracket.
3. Route the telephone line cord through the wall mount bracket hole and plug it into the telephone wall jack. Route the power cord out of the bottom of the telephone and plug it into an electrical outlet not controlled by a wall switch.
4. Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with twist ties.



Getting started

Wall mount to tabletop installation

1. If the telephone line cord and power adapter cord are bundled, untie them first.
2. Push the black wall mount bracket up and remove it from the wall plate. Unplug the telephone line cord (or DSL filter) from the wall. Unplug the power adapter from the power outlet.
3. Push the wall mount bracket down to remove it from the telephone base.
4. See **Telephone installation** on page 2.



Getting started

Telephone base layout

IN USE light

Flashes when there is an incoming call, another telephone sharing the same line is in use or when the handsets are being deregistered.

On when the telephone is in use, or the answering system is answering a call.

On when the handset is being registered.

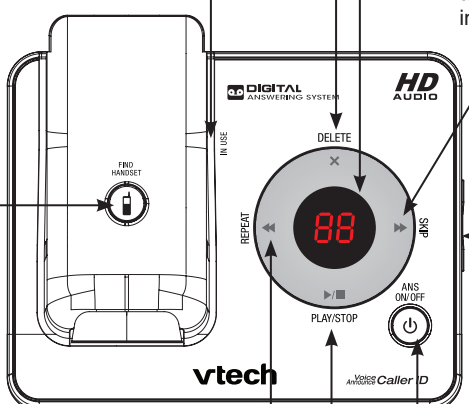
X/DELETE

Press to delete the message currently playing (page 50).

When the telephone is not in use, press twice to delete all old messages (page 52).

Message window

Shows the number of messages and other answering system information (page 53).



⏭/SKIP

Press to skip to the next message (page 50).

▼/VOL/▲

Press to adjust the speaker volume during playback (page 50).

Press to adjust the telephone base ringer volume when the telephone is not in use (page 12).

/FIND HANDSET

Press to page all system handsets (page 21).

⏮/REPEAT

Press once to repeat a message or press twice to play the previous message (page 50).

⏻/ANS ON/OFF

Press to turn the answering system on or off (page 45).

▶/■/PLAY/STOP

Press to play messages or press to stop message playback (page 50).

Getting started

Handset layout

CHARGE light

On when the handset is charging in the telephone base or charger (page 3).

/▲/VOLUME (directory/volume)

Press to enter the directory when the telephone is not in use (page 34).

While in a menu, press to scroll up.

During a call or message playback, press to increase the listening volume (page 19 or page 51).

When entering numbers or names in the directory, press to move the cursor to the right.

MUTE/DELETE

While on a call, press to mute the microphone (page 20).

While reviewing the redial list, directory or caller ID log, press to delete an individual entry (pages 22, 35 and 42 respectively).

While the handset is ringing, press to silence the ringer temporarily (page 20).

While predialing, press to delete digits (page 19).

TALK/FLASH

Press to make or answer a call (page 19).

During a call, press to answer an incoming call when you receive a call waiting alert (page 21).

1

While reviewing a caller ID log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory (page 40).

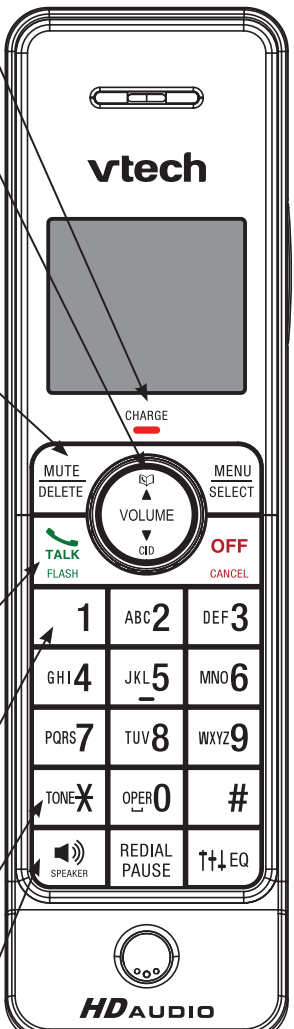
TONE ✱

With the phone set for pulse dialing, press to temporarily change to tone dialing while on a call (page 20).

/SPEAKER

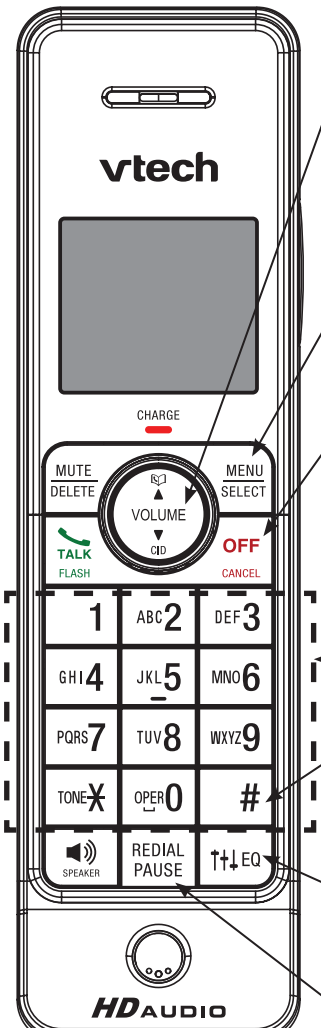
Press to make or answer a call (page 19).

During a call, press to switch between the speakerphone and the handset (page 19).



Getting started

Handset layout



CID/▼/VOLUME (caller ID/volume)

Press to review the caller ID log when the telephone is not in use (page 40).

While in a menu, press to scroll down.

During a call or message playback, press to decrease the listening volume (page 19 or page 51).

When entering numbers or names in the directory, press to move the cursor to the left.

MENU/SELECT

Press to show the menu.

While in a menu, press to choose an item, or save an entry or setting.

OFF/CANCEL

During a call, press to hang up (page 19).

While the handset is ringing, press to silence the ringer temporarily (page 20).

While the telephone is not in use, press and hold to delete the missed call indicator (page 40).

While in a menu, press to go back to the previous menu.

While in a menu, press and hold to return to idle mode.

Dialing keys

Press to enter numbers or characters.

 # (pound key)

Press repeatedly to show other dialing options when reviewing a caller ID log entry (page 40).

When saving caller ID log entries to the directory. press to switch the name order (page 41).

EQ

During an outside call, intercom call, message or announcement playback, press to change the audio quality to best suit your hearing (page 21).

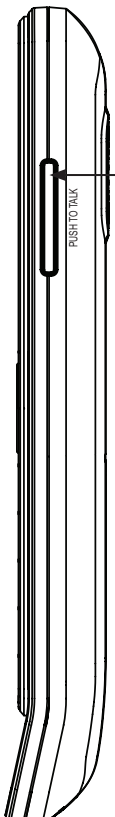
REDIAL/PAUSE

Press to review the redial list (page 22).

While predialing or entering numbers into the directory, press and hold to insert a dialing pause (page 33).

Getting started

Handset layout



PUSH TO TALK (PTT)

Press to begin a broadcast to one or multiple handsets (pages 28 and 29).

Press and hold to broadcast to a group of handsets when the handset is not in use (page 29).

Telephone settings

Using the menu

In the ringers menu, you can select the ringer tones and adjust the ringer volume for incoming calls.

In the settings menu, you can change and edit the settings for LCD language, announce caller ID, voicemail indicators, handset name, key tone, CID time synchronization, home area code and dial mode.

Go to **Answering system settings** starting on page 43 for instructions on how to use a system handset to modify the answering system settings shown below.

Setting	Page
Announcement (record, play and delete)	43-44
Answer on/off	45
Call screening	45
Number of rings	46
Remote access code	46
Message alert tone	47
Message recording time	47

To enter the handset menu:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ until the screen displays the desired feature menu.
3. Press **MENU/SELECT** to enter that menu.

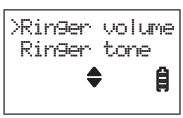
- To return to the previous menu, press **OFF/CANCEL**.
- To return to idle mode, press and hold **OFF/CANCEL**.

Telephone settings

Ringer volume (telephone base)

- Press **▲/VOL** or **▼/VOL** on the right side of the telephone base to adjust the ringer volume when the telephone is not in use. When you set the base ringer volume to off, the message window displays **0** and the system announces, "*Base ringer is off.*" When the telephone is ringing, press **▼/VOL** to temporarily turn the base ringer off.

Ringer volume (handset)



You can set the ringer volume or turn the ringer off. When the ringer is off, **Ringer off** and 🔕 appear on the screen.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Ringers**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>Ringer volume**.
4. Press ▼ or ▲ to sample each volume level.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

note

- The ringer volume also determines the ringer volume of intercom calls and paging tone. However, paging volume ranges from levels 4 to 6 only.
- If the ringer volume is set to off, the handset displays **Caller ID won't be announced** when you save the setting. The caller ID will not be announced when you have an incoming call (page 14).

Ringer tone

You can choose from different ringer tones for each handset.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Ringers**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ringer tone**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to sample each ringer tone.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

note If you turn off the ringer volume, you will not hear ringer tone samples.

Telephone settings

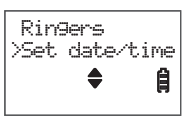
Set date and time

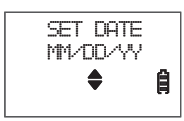
The answering system announces the date and time of each message prior to playing it. Before using the answering system, set the date and time as follows. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. However, the year must be correct so that the day of the week can be calculated from the caller ID information. You can also turn off the date and time settings of the caller ID service (see **CID time synchronization** on page 17) and set the date and time manually.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Set date/time**, then press **MENU/SELECT**.
3. When the month is flashing, press ▼ or ▲ until the screen displays the correct month. Press **MENU/SELECT** to confirm.

   -OR-

   Use the dialing keys (**0**-**9**) to enter the current month (for example, if the month is March, you must enter **03**).
4. Repeat Step 3 to set the correct date and year and then press **MENU/SELECT** to advance to set the time.
5. Repeat Step 3 until the time is set. Press ▼ or ▲ to select **AM** or **PM**, or press **2** for **AM** or **7** for **PM**.
6. Press **MENU/SELECT** to save the settings and return to the previous menu. You hear a confirmation tone.





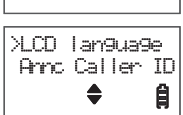
note

- If the date and time are not set when a message is recorded, the system announces, "*Time and date not set*," before each message plays.
- The telephone plays two beeps if you enter an invalid number.

LCD language

You can select a language (English, French or Spanish) to be used in all screen displays.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>LCD language**.
4. Press ▼ or ▲ to highlight **English**, **Français** or **Español**.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

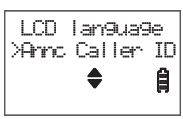


Telephone settings

Caller ID announce

The caller ID announce feature lets you know who's calling without having to look at the display. When you have an incoming call, the handset and/or base announces the caller's name based on the directory or caller ID information. If the caller's name is private or unknown, the phone number will be announced. If the caller's phone number is also private or unknown, no caller information will be announced. If the telephone number has over 11 digits, only the last 11 digits will be announced. Unless you change it, the caller ID announce feature is already turned on.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Annc Caller ID**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to highlight **>HANDSET** or **>BASE**, then press **MENU/SELECT**.
5. Press ▼ or ▲ to choose **>On** or **>Off**.
6. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.



note

- To use the caller ID announce feature, you must subscribe to caller ID service from your telephone service provider.
- Caller ID announce is available in English only.
- The caller ID announce is muted when you turn the ringer off.
- Only the first four registered handsets are able to use the caller ID announce feature.
- It takes at least 2 rings for the phone to receive caller ID information and announce it. If the phone is answered before the end of the second ring, it will not have time to announce the caller ID information.
- Pronunciation of names may vary with this feature. Not all names may be pronounced correctly.

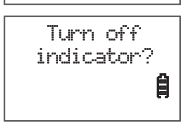
Telephone settings

Clear voicemail indicators

If you subscribe to voicemail service offered by your telephone service provider, **New voicemail** and ✉ appear on the handset when you have new voicemail messages. Contact your telephone service provider for more information and assistance about using your voicemail service.

After you have listened to all new voicemail messages, the indicators on the handset turn off automatically.

Use the clear voicemail feature when the telephone indicates that there is new voicemail but there are none (for example, when you have accessed your voicemail while away from home). Clearing the voicemail waiting indicator only turns off the indicators; it does not delete your voicemail messages. As long as you have new voicemail messages, your telephone service provider continues to send the signal to turn on the indicators.



1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Clr voicemail**, then press **MENU/SELECT**. The screen displays **Turn off indicator?**
4. Press **MENU/SELECT** to confirm and return to the previous menu. You hear a confirmation tone.

note

- Your telephone service provider may alert you of new messages with a stutter (broken) dial tone. Contact your telephone service provider for details.
- Voicemail is different from answering system messages recorded in your cordless phone's answering system. For more information about the difference, see page 48.

Telephone settings

Rename handset

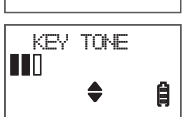
You can change the name for each registered handset. The name can be up to 11 characters.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Rename handset**, then press **MENU/SELECT**.
4. Use the dialing keys to enter a name.
   - Press **MUTE/DELETE** to delete a character.
   - Press and hold **MUTE/DELETE** to delete all characters.
   - Press ▼ or ▲ to move the cursor to the left or right.
5. Press **MENU/SELECT** to save the name and return to the previous menu. You hear a confirmation tone.

note If the new handset name contains no characters or digits, the default handset name will be used.

Key tone

You can adjust the key tone volume or turn it off for each handset. If you turn the key tone off, there are no beeps when you press the handset keys.

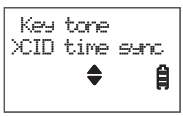


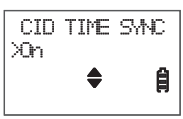
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Key tone**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to select the desired volume or **Off**.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

Telephone settings

CID time synchronization

This feature allows the time and date to be set by incoming caller ID information. The default setting is **On**.



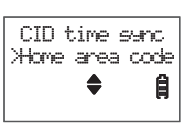


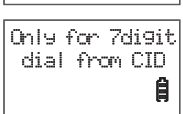
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>CID time sync**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to choose **>On** or **>Off**.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

Home area code

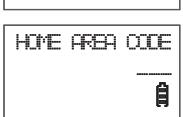
If you dial your local calls using only seven digits (area code not required), you can program your home area code so that when you receive a call within your local area, the telephone number is automatically stored without the area code in the caller ID log.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Home area code**, then press **MENU/SELECT**. The screen displays **Only for 7digit dial from CID**, then advances to home area code edit mode.





4. Use the dialing keys to enter a three-digit home area code.
   - Press **MUTE/DELETE** to delete a digit.
   - Press and hold **MUTE/DELETE** to delete all digits.
   - Press ▼ or ▲ to move the cursor to the left or right.
5. Press **MENU/SELECT** to save. You hear a confirmation tone. The screen displays **Area code will not show in CID**, then automatically turns to the previous menu.



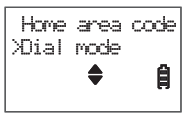
note If, in the future, your telephone service provider requires you to dial the area code when making a local call, or, if you move to a location that requires it, delete the home area code you have already programmed, following the steps above. After you have deleted the home area code, _ _ _ will appear on the display.

Telephone settings

Dial mode

The dial mode is preset to tone dialing. If you have pulse (rotary) service, you must change the dial mode to pulse dialing before using the telephone making a call.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Dial mode**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to choose **>Tone** or **>Pulse**.
5. Press **MENU/SELECT** to save your selection and return to the previous menu. You hear a confirmation tone.

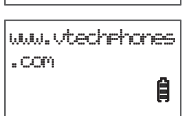


note While on a call in pulse dialing mode, press TONE✱ to temporarily change to tone dialing mode.

Website

Use this feature to view the VTech website address.

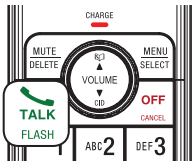
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Website**, then press **MENU/SELECT**. The screen displays the website address.



Telephone operation

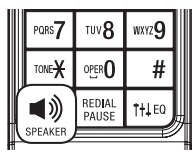
Make a call

1. Press TALK/**FLASH** or **/SPEAKER** on the handset.
2. When you hear a dial tone, dial the number.



Predial a call

1. Dial the number on the handset.
2. Press TALK/**FLASH** or **/SPEAKER**.



Answer a call

Press TALK/**FLASH**, **/SPEAKER** or any dialing key (**0**-**9**, **#** or TONE *) on the handset to answer a call.

End a call

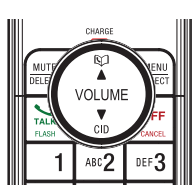
Press **OFF/CANCEL** on the handset or place the handset in the telephone base or charger.

note

- The handset shows the elapsed time as you talk (in hours, minutes and seconds).
- When predialing (preview numbers before dialing), press **MUTE/DELETE** to backspace and delete a digit; press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
- The handset displays **Unable to call. Line in use** if you predial a number while your telephone line is in use.

Speakerphone

When the handset is on a call, press **/SPEAKER** to switch between the speakerphone and the handset. When the speakerphone is active, the handset displays **Speaker** and .



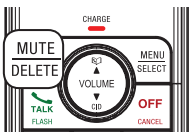
Listening volume

During a call, press ▼/**VOLUME** or ▲/**VOLUME** on the handset to adjust the listening volume.

Telephone operation

Mute

The mute function allows you to hear the other party but the other party cannot hear you.



- During a call, press **MUTE/DELETE**. The handset displays **Muted** for a few seconds and ***MUTE*** displays until the mute function is turned off.
- Press **MUTE/DELETE** again to resume the conversation. The handset screen temporarily displays **Microphone ON**.

Temporary ringer silencing

When the telephone is ringing, press **OFF/CANCEL** or **MUTE/DELETE** to temporarily silence the ringer on that handset only. The handset displays **Ringer muted** and 🔕. This turns off the ringer without disconnecting the call. The next call rings normally at the preset volume.

note Each handset rings when there is an incoming call unless the ringer volume is turned off on that handset.

Temporary tone dialing

If you have pulse (rotary) service only, you can switch from pulse to tone dialing temporarily during a call. This is useful if you need to send touch-tone signals to access your telephone banking or long distance services.

1. During a call, press TONE ✱ on the handset.
2. Use the dialing keys to enter the number you wish to dial. The telephone sends touch-tone signals. The telephone automatically returns to pulse dialing mode after you end the call.

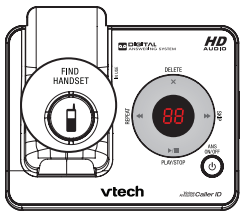
Telephone operation

Find handset

The find handset feature helps you find misplaced handsets.

To start the paging tone:

- Press **/FIND HANDSET** on the telephone base. All idle handsets ring, the handset screens display **** Paging ****.



To end the paging tone:

- To end the paging tone, press TALK/**FLASH**, **/SPEAKER**, any dialing key (**0**-**9**, **#**, TONE *) on the handset or press **/FIND HANDSET** on the telephone base.

note

- Press **OFF/CANCEL** or **MUTE/DELETE** to temporarily turn off the paging tone on the handset. Its screen shows **Ringer muted** and .
- All registered handsets ring when being paged even if the ringer volume is set to off.

Call waiting

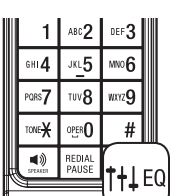
If you subscribe to call waiting service from your telephone service provider, you hear an alert tone when there is an incoming call while you are on another call.

- Press TALK/**FLASH** to put your current call on hold and take the new call.
- Press TALK/**FLASH** at any time to switch back and forth between calls.

Equalizer

The equalizer feature on the handset enables you to change the audio quality of the handset to best suit your hearing.

While on a call or intercom call, or listening to a message or announcement, press **EQ** to select the equalizer setting **Treble 1**, **Treble 2**, **Bass** or **Natural** (the default setting) for the handset. The current setting is displayed on the handset briefly.



Redial

Each system handset stores the last 10 dialed numbers. Entries are shown in reverse chronological order. When there are already 10 entries, the oldest entry is deleted to make room for the new entry. When you access the redial list with no records, the handset plays two beeps and shows **Redial empty**.

Telephone operation

Review and dial a redial entry

1. Press **REDIAL/PAUSE** to enter the redial list.
2. Press ▼, ▲ or **REDIAL/PAUSE** repeatedly to browse.
3. When the desired entry displays, press TALK/**FLASH** or **SPEAKER** to dial.

-OR-

1. Press TALK/**FLASH** or **SPEAKER.**
2. Press **REDIAL/PAUSE.**
3. Press ▼, ▲ or **REDIAL/PAUSE** repeatedly to browse.
4. When the desired entry displays, press **MENU/SELECT**.

Delete a redial entry

1. Press **REDIAL/PAUSE** to enter the redial list.
2. Press ▼, ▲ or **REDIAL/PAUSE** repeatedly to browse to the desired entry.
3. Press **MUTE/DELETE** to delete the displayed entry. You hear a confirmation tone.

Copy a number from the redial list to the directory

1. Press **REDIAL/PAUSE** to enter the redial list.
2. Press ▼, ▲ or **REDIAL/PAUSE** repeatedly to browse to the desired entry, then press **MENU/SELECT**. The screen displays **EDIT NUMBER**.
3. Use the dialing keys (**0**-**9**) to edit the number (up to 30 digits).
   - Press **MUTE/DELETE** to backspace and delete a digit.
   - Press and hold **MUTE/DELETE** to delete all digits.
   - Press ▼ or ▲ to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
4. Press **MENU/SELECT** to move on to the name. The screen displays **ENTER NAME**.
5. Use the dialing keys to enter a name (up to 15 characters).
   - Press **0** to add a space.
   - Press **MUTE/DELETE** to backspace and delete a character.
   - Press and hold **MUTE/DELETE** to delete all characters.
   - Press ▼ or ▲ to move the cursor to the left or right.
6. Press **MENU/SELECT** to save the entry. The handset shows **Saved** and you hear a confirmation tone.

Telephone operation

Chain dialing

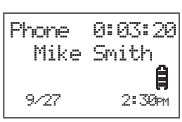
Use this feature to initiate a dialing sequence from numbers stored in the directory, caller ID log or redial list while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, caller ID log or redial list.

To access a number from the directory while on a call:

1. Press **MENU/SELECT**.
2. Press ▼ or ▲ to highlight **>Directory**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to scroll to the desired entry.
4. Press **MENU/SELECT** to dial the displayed number.

To access a number from the caller ID log while on a call:



1. Press **MENU/SELECT**.
2. Press ▼ or ▲ to highlight **>Caller ID log**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to scroll to the desired entry.
4. Press **MENU/SELECT** to dial the displayed number.

To access a number from the redial list while on a call:

1. Press **REDIAL/PAUSE** to enter the redial list.
2. Press ▼, ▲ or **REDIAL/PAUSE** repeatedly to browse to the desired entry.
3. Press **MENU/SELECT** to dial the displayed number.

Multiple handset use

Join a call in progress

The telephone base supports four system handsets at a time on an outside call. You can buy additional expansion handsets (**LS6405**) for this telephone base. You can register up to 12 handsets to the telephone base.

To share an outside call:

- When a handset is already on a call, you can join the call by pressing TALK/**FLASH** or **/SPEAKER** on your handset.
- To exit the call, press **OFF/CANCEL** or place the handset in the telephone base or charger. The call will not end until all handsets hang up.

Intercom

Use the intercom feature for conversations between two handsets. This feature is available only if you have two or more handsets.

1. When the handset is not in use, press **MENU/SELECT**. Press ▼ or ▲ to highlight **>Intercom**, then press **MENU/SELECT**.

   -OR-

   Press TALK/**FLASH** or **/SPEAKER**, then press **MENU/SELECT**. Press ▼ or ▲ to highlight **>Intercom**, then press **MENU/SELECT**.

   - If you have two handsets, your handset displays **Calling other handset**.
   - If you have more than two handsets, your handset displays **INTERCOM TO:** Use the dialing keys to enter a handset number (**1**-**9** for handsets 1-9, TONE * and **0** for handset 10, TONE * and **1** for handset 11, TONE * and **2** for handset 12 or TONE * and **#** for all handsets), or press ▼ or ▲ to scroll to the desired handset then press **MENU/SELECT**. Your handset displays **Calling HANDSET X** (**X** represents the destination handset number) or **Calling all handsets**.

   The other handset rings and its screen displays **Other handset is calling** or **HANDSET Y is calling** (**Y** represents the originating handset number).
2. To answer the intercom call, press TALK/**FLASH**, **/SPEAKER** or any dialing key (**0**-**9**, **#** or TONE *) on the other handset. Both handsets now display **Intercom**.
3. To end the intercom call, either party presses **OFF/CANCEL** or places the handset in the telephone base or charger. Both handsets display **Intercom ended**.

note

- You can cancel the intercom call before it is answered by pressing **OFF/CANCEL**.
- If the other handset does not answer the intercom call within 100 seconds, or if it is accessing the answering system, is out of range, or has no power, your handset displays **No answer. Try again** and returns to idle mode.
- Only one intercom call can be established with two handsets at a time.

Multiple handset use

Answer an incoming call during an intercom call

If you receive an incoming outside call during an intercom call, there will be an alert tone.

- To answer the call, press TALK/**FLASH** on the handset. The intercom call ends automatically.
- To end the intercom call without answering the incoming call, press **OFF/CANCEL** on the handset. The telephone continues to ring.

Announced transfer

Use the intercom feature to transfer an outside call to another system handset.

1. When the handset is on a call, press **MENU/SELECT**.
2. Press ▼ or ▲ to scroll to **>Intercom**, then press **MENU/SELECT**. The outside call is put on hold automatically.
   - If you have two handsets, your handset displays **Calling other handset**.
   - If you have more than two handsets, your handset displays **INTERCOM TO:** Use the dialing keys to enter a handset number (**1**-**9** for handsets 1-9, TONE ✱ and **0** for handset 10, TONE ✱ and **1** for handset 11, TONE ✱ and **2** for handset 12 or TONE ✱ and **#** for all handsets), or press ▼ or ▲ to scroll to the desired handset then press **MENU/SELECT**. Your handset displays **Calling HANDSET X** (**X** represents the destination handset number) or **Calling all handsets**.
3. To answer the intercom call, press TALK/**FLASH**, **SPEAKER** or any dialing key (**0**-**9**, **#** or TONE ✱) on the destination handset. Both handsets now display **Intercom**. You can now have a private conversation between the two handsets.
4. From this intercom call, you have the following options:
   - To transfer the call, press **MENU/SELECT** twice on the originating handset to choose **>Transfer**. The originating handset displays **Call transferred**. The destination handset is automatically connected to the outside call.
   - To share the call, press **MENU/SELECT** on your handset and then press ▼ or ▲ to highlight **>Share call**. Then press **MENU/SELECT**. Both handsets are connected to the outside call.
5. To end the outside call, press **OFF/CANCEL** or place the handset in the telephone base or charger. The call continues until all handsets hang up.

note

- You can cancel the intercom call before it is answered by pressing **OFF/CANCEL**.
- If the destination handset does not answer the intercom call within 100 seconds, or if it is accessing the answering system, is out of range, or has no power, the originating handset displays **No answer. Try again** and returns to idle mode.

Multiple handset use

Blind transfer

Use this feature to transfer an outside call to other system handsets without notifying them. This feature is available only if you have two or more handsets.

1. When the handset is on a call, press **MENU/SELECT**.
2. Press **MENU/SELECT** to choose **>Transfer**.
   - If you have two handsets, your handset displays **Transferring call...**
   - If you have more than two handsets, your handset displays **TRANSFER TO:** Use the dialing keys to enter a handset number (**1**-**9** for handsets 1-9, TONE ✱ and **0** for handset 10, TONE ✱ and **1** for handset 11, TONE ✱ and **2** for handset 12 or TONE ✱ and **#** for all handsets), or press ▼ or ▲ to scroll to the desired handset then press **MENU/SELECT**. Your handset displays **Transferring call...** or **Transferring call to all...**

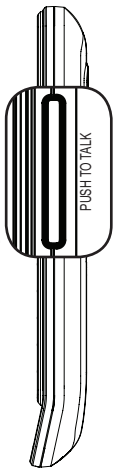
   The destination handset rings and its screen displays **Transfer from other handset** or **Transfer from HANDSET X**.
3. To answer the outside call, press TALK/**FLASH**, **SPEAKER** or any dialing key (**0**-**9**, **#** or TONE ✱) on the destination handset.
4. To end the outside call, press **OFF/CANCEL** or place the handset in the telephone base or charger.

note

- To cancel the blind transfer and return to the external call before it is answered, press **OFF/CANCEL** on your handset.
- If the destination handset does not answer the transferring call within 30 seconds, is accessing the answering system, is out of range, or has no power, your handset rings back and displays **No response to transfer**. If you do not press TALK/**FLASH**, **SPEAKER** or any dialing key (**0**-**9**, **#** or TONE ✱) on your handset to reconnect the outside call within 30 seconds, the call hangs up automatically.

Multiple handset use

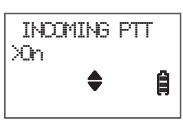
Push-to-talk (PTT)



You can directly broadcast messages from one handset to the speakerphone of one or multiple handsets. Press and hold **PUSH TO TALK** to begin two-way communication. If only one handset is available or registered, the handset screen shows **PTT requires two handsets** when you press **PUSH TO TALK**.

- Only one handset can talk at a time. To do so, press and hold **PUSH TO TALK** while you are talking.
- You must release **PUSH TO TALK**, so the other person can respond.
- Only one PTT session can be active at a time.
- While PTT is in use between two handsets, other handsets cannot use the intercom feature.
- If you attempt to place a PTT call to another handset that is on an outside call or intercom call, or accessing the answering system, your handset displays **Not available at this time**.

Turn PTT on or off



1. Press **PUSH TO TALK** when the handset is not in use. The **PUSH TO TALK** menu displays.
2. Press ▼ or ▲ to highlight **>PTT On/Off**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to choose **>On** or **>Off**, then press **MENU/SELECT**.

note When PTT is turned off, the handset shows **No Incoming PTT** while the phone is not in use.

Multiple handset use

PTT to a single handset

1. You have two ways to begin a PTT call:
   - If you have two handsets, press and hold **PUSH TO TALK** when the handset is not in use.
   - If you have more than two handsets, press **PUSH TO TALK** when the handset is not in use. Then use the dialing keys to enter a handset number (**1**-**9** for handsets 1-9, TONE * and **0** for handset 10, TONE * and **1** for handset 11 or TONE * and **2** for handset 12), or press ▼ or ▲ to scroll to the desired handset then press **MENU/SELECT**. Press **MENU/SELECT** or **PUSH TO TALK** to create the push-to-talk session.

   Your handset displays **Connecting to HANDSET X...** for a few seconds. When the connection is made, both the originating and the destination handsets display **Press and hold [PTT] to talk** and beep once.
2. Press and hold **PUSH TO TALK** on your handset. A chirp indicates your microphone is on. Speak towards the handset. Your voice is broadcast to the destination handset. While you are speaking, your handset displays **PTT To handset X** (**X** represents the destination handset).
3. Release **PUSH TO TALK** after speaking. Both handsets beep once again. After the handsets beep, you can press and hold **PUSH TO TALK** to continue speaking or the destination handset can respond (see **Answer a PTT call** on page 30).
4. Press **OFF/CANCEL** to end the PTT call. The handset displays **Push to talk Ended** for a few seconds.

   -OR-

   Place the handset in the telephone base or charger to end the PTT call.

note After **PUSH TO TALK** is released, the PTT call remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call ends automatically.

Multiple handset use

PTT to multiple handsets

When you have two to five registered handsets, PTT supports one-to-all calls (one-to-four maximum). However, when you have six or more registered handsets, PTT supports a maximum of one-to-three calls. The first four registered handsets will be able to use this feature. Other handsets can only use PTT for one-to-one calls.

1. To begin a PTT call to multiple handsets:
   - Press and hold **PUSH TO TALK** when the handset is not in use.
   - If you have more than two handsets, press **PUSH TO TALK** when the handset is not in use. Press TONE* and **#**, or ▼ or ▲ to highlight **>All handsets** then press **MENU/SELECT** or **PUSH TO TALK**.

   Your handset displays **Connecting to all handsets...** for a few seconds. When the connection is made, all handsets display **Press and hold [PTT] to talk** and beep once.
2. Press and hold **PUSH TO TALK** on your handset. A chirp indicates your microphone is on. Speak towards the handset. Your voice is broadcast to all destination handsets.
   While you are speaking, your handset displays **PTT To handset: X** (**X** represents the destination handset).
3. Release **PUSH TO TALK** after speaking. Both handsets beep once again. After the handsets beep, you can press and hold **PUSH TO TALK** to speak again or the destination handsets can respond (see **Answer a PTT call** on page 30).
4. Press **OFF/CANCEL** to end the PTT call. The handset displays **Push to talk Ended** for a few seconds.

   -OR-

   Place the handset in the telephone base or charger to end the PTT call.

note After **PUSH TO TALK** is released, the PTT call session remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call session ends automatically.

Multiple handset use

Answer a PTT call

You can respond to a PTT call whenever the speakerphone light is off, as described below.

1. When your handset receives a PTT call, the handset beeps and the screen displays **Press and hold [PTT] to talk**.
2. When the other party is speaking, your speakerphone light is on, and your handset displays **PTT From HS X To HS Y** to (**X** represents the originating handset and **Y** represents the destination handset; a maximum of four handset numbers appear).
3. When your speakerphone light is off and the screen displays **Press and hold [PTT] to talk**, press and hold **PUSH TO TALK** on your handset. You will hear a chirp. Speak towards the handset.
   - While you are speaking, your handset displays **PTT To handset: X** (**X** represents the handset numbers of one or more destination handsets; a maximum of four handset numbers appear).
   - Your voice is broadcast to all destination handsets.

After speaking, release **PUSH TO TALK**. Your handset will beep. After the beep, if your speakerphone light is off, you can press and hold **PUSH TO TALK** to speak again or the destination handset can respond.

Change a one-to-one PTT call to intercom call

You can convert a one-to-one PTT session to an intercom call.

1. When your handset displays **Press and hold [PTT] to talk**, press **MENU/SELECT**. The screen displays **>Intercom**.
2. Press **MENU/SELECT**.
   - If you have two handsets, your handset displays **Calling other handset.** The destination handset temporarily displays **Push to talk Ended** and then **Other handset is calling**.
   - If you have more than two handsets, your handset displays **Calling HANDSET Y** (**Y** represents the destination handset). The destination handset temporarily displays **Push to talk Ended** and then **HANDSET X is calling** (**X** represents the originating handset).
3. On the destination handset, press TALK/**FLASH**, **SPEAKER** or any dialing key (**0**-**9**, **#** or TONE) to answer the intercom call. Both handsets now display **Intercom**.
4. To end the intercom call, press **OFF/CANCEL** or place the handset in the telephone base or charger. Both screens display **Intercom ended**.

Multiple handset use

End a PTT call

- For a one-to-one PTT call, both the originating and destination handsets can end the PTT call.
- For a PTT call to multiple handsets, the originating handset can end the PTT call. If any one of the destination handsets leaves the PTT call, the call continues until all handsets hang up.

To end or leave a PTT call:

- Press **OFF/CANCEL** or place the handset in the telephone base or charger. The handset displays **Push to talk Ended**.

note After **PUSH TO TALK** is released, the PTT call remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call ends automatically.

Answer an incoming call during a PTT call

When you receive an incoming outside call during PTT, there is an alert tone.

- During a one-to-one PTT call, press TALK/**FLASH** on the originating or destination handset. The PTT call ends automatically and the outside call is answered.
- During a PTT call to multiple handsets, press TALK/**FLASH** on the originating handset. The PTT call ends automatically and the outside call is answered.
- During a PTT call to multiple handsets, press TALK/**FLASH** on any one of the destination handsets and that handset answers the outside call. The PTT call continues for the rest of the PTT participants.
- To leave the PTT call without answering the incoming call, press **OFF/CANCEL**. The telephone continues to ring.

Make an outgoing call during a PTT call

- During a one-to-one PTT call, press TALK/**FLASH** to get a dial tone. The PTT call ends automatically.
- During a PTT call to multiple handsets, press TALK/**FLASH** on the originating handset. The PTT call ends automatically and you get a dial tone.
- During a PTT call to multiple handsets, press TALK/**FLASH** on any one of the destination handsets and that handset gets a dial tone. The PTT call continues for the rest of the PTT participants.

Directory

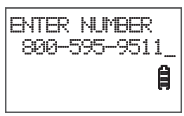
About the directory

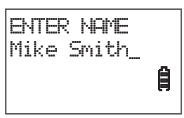
The directory can store up to 50 entries with up to 30 digits for each phone number and 15 alphanumeric characters for each name.

- Directory entries are shared by all system handsets. Any additions, deletions or edits made on one handset are reflected on all handsets.
- When you access the directory with no records, the screen displays **Directory empty**.
- When the directory is full and you try to save an entry, the screen displays **Directory full**.
- When you try to save a number already stored in the directory, the screen displays **Number already saved**.
- When the telephone number in the directory exceeds 15 digits, while reviewing the directory, **<** appears in front of the telephone number. Press TONE * to move towards the end of the telephone number or press **#** (pound key) to move towards the beginning of the telephone number.
- Only one handset can review the directory at a time. If a handset tries to enter the directory while another handset is already in it, **Not available at this time** appears.

Directory

Add a directory entry





Use the following steps to store an entry in the directory.

1. Enter the number when the handset is not in use and press **MENU/SELECT**. The screen displays **EDIT NUMBER**.

   -OR-

   a. Press **MENU/SELECT** when the handset is not in use.

   b. Press ▼ or ▲ to highlight **>Directory**, then press **MENU/SELECT**.

   c. Press ▼ or ▲ to highlight **>Add contact**, then press **MENU/SELECT**. The screen displays **ENTER NUMBER**.

2. Use the dialing keys to enter or modify the number.
   - Press **MUTE/DELETE** to backspace and delete a digit.
   - Press and hold **MUTE/DELETE** to delete all digits.
   - Press ▼ or ▲ to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).

   -OR-

   Copy a number from the redial list by pressing **REDIAL/PAUSE** and then press ▼ or ▲, or **REDIAL/PAUSE** repeatedly to choose a number. Press **MENU/SELECT** to copy the number.

3. Press **MENU/SELECT** to move to the name. The screen displays **ENTER NAME**.
4. Use the dialing keys to enter the name. Additional key presses show other characters of that particular key. Press the key repeatedly until the desired character appears. The first character and the character after a space are automatically capitalized.
   - Press **0** to add a space.
   - Press **MUTE/DELETE** to backspace and delete a character.
   - Press and hold **MUTE/DELETE** to delete all characters.
   - Press ▼ or ▲ to move the cursor to the left or right.
5. Press **MENU/SELECT** to confirm. The screen displays **Saved** and you hear a confirmation tone.

Directory

Search the directory

Entries are sorted alphabetically.

1. Press 📖/▲ when the handset is not in use.

   -OR-

   a. Press **MENU/SELECT** when the handset is not in use.

   b. Press ▼ or ▲ to highlight **>Directory**, then press **MENU/SELECT**.

   c. Press **MENU/SELECT** again to select **>Review**.

2. Press ▼ or ▲ to browse.

Alphabetical search

1. Press 📖/▲ when the handset is not in use.

   -OR-

   a. Press **MENU/SELECT** when the handset is not in use.

   b. Press ▼ or ▲ to highlight **>Directory**, then press **MENU/SELECT**.

   c. Press **MENU/SELECT** again to select **>Review**.

2. Use the dialing keys to enter the letters associated with the name. For example, if you have name entries Jenny, Jessie, Kristen and Laura in your directory, press **5** (JKL) once to see Jenny (when Jenny displays, press ▼ to see Jessie), twice to see Kristen, or three times to see Laura. If there is no name entry matching your search, the next closest match in alphabetical order appears. If necessary, press ▼ or ▲ to browse.

Dial a directory entry

1. Search for the desired entry in the directory (see **Search the directory** or **Alphabetical search** above).
2. Press TALK/**FLASH** or 🔊/**SPEAKER** to dial the displayed number.

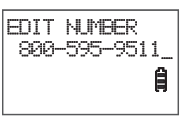
-OR-

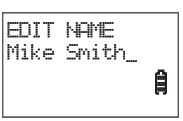
1. Press TALK/**FLASH** or 🔊/**SPEAKER**.
2. Press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Directory**, then press **MENU/SELECT**.
4. Press ▼ or ▲ or start an alphabetical search to browse to the desired entry, then press **MENU/SELECT** to dial the displayed number.

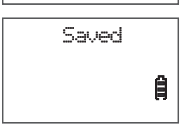
Directory

Edit a directory entry

1. Search for the desired entry in the directory (see **Search the directory** or **Alphabetical search** on page 34).
2. Press **MENU/SELECT**. The screen displays **EDIT NUMBER.**
3. Use the dialing keys to edit the number.
   - Press **MUTE/DELETE** to backspace and delete a digit.
   - Press and hold **MUTE/DELETE** to delete all digits.
   - Press ▼ or ▲ to move the cursor to the left or right.
4. Press **MENU/SELECT**. The screen displays **EDIT NAME**.
5. Use the dialing keys to edit the name. Additional key presses show other characters of that particular key. Press the key repeatedly until the desired character appears. The first character and the character after a space are automatically capitalized.
   - Press **0** to add a space.
   - Press **MUTE/DELETE** to backspace and delete a character.
   - Press and hold **MUTE/DELETE** to delete all characters.
   - Press ▼ or ▲ to move the cursor to the left or right.
6. Press **MENU/SELECT** to save the entry. The screen displays **Saved** and then the revised entry.

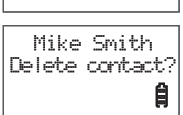


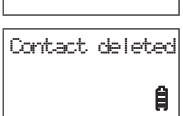




Delete a directory entry

1. Search for the desired entry in the directory (see **Search the directory** or **Alphabetical search** on page 34).
2. Press **MUTE/DELETE**. The screen displays **Delete contact?**
3. Press **MENU/SELECT** to confirm. The screen displays **Contact deleted** and you hear a confirmation tone.





Directory

Assign a directory entry to a speed dial location

You can store up to 10 directory entries in the speed dial directory. The speed dial entries are shared by all handsets.

1. Press and hold an empty speed dial key (**0**-**9**).

   -OR-

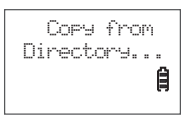
   a. Press **MENU/SELECT** when the handset is not in use.

   b. Press ▼ or ▲ to scroll to **>Directory** and then press **MENU/SELECT**.

   c. Press ▼ or ▲ to scroll to **>Speed dial**, then press **MENU/SELECT**.

   d. Press ▼ or ▲ to select an empty speed dial location.

2. Press **MENU/SELECT**. The screen displays **Copy from Directory...**



3. Press ▼ or ▲ to select a desired directory entry.

   -OR-

   Use the dialing keys to start an alphabetical search (see page 34).

4. Press **MENU/SELECT** to save. You hear a confirmation tone.

note If the speed dial location is occupied, the new entry replaces the old one.

Dial a speed dial entry

Press and hold a speed dial key (**0**-**9**) of the desired entry when the handset is not in use, the number will be dialed automatically.

note When the speed dial location chosen is empty, the handset will prompt you to the speed dial list. See **Assign a directory entry to a speed dial location** above to assign entries to the speed dial locations.

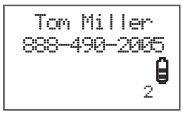
Directory

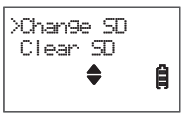
Reassign a speed dial number

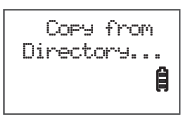
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to scroll to **>Directory** and then press **MENU/SELECT**.
3. Press ▼ or ▲ to scroll to **>Speed dial**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to select a desired speed dial location, then press **MENU/SELECT**.
5. Press **MENU/SELECT** to choose **>Change SD**.
6. Press **MENU/SELECT** and then the screen displays **Copy from Directory...**
7. Press ▼ or ▲ to select a desired directory entry.

   -OR-

   Use the dialing keys to start an alphabetical search (see page 34).
8. Press **MENU/SELECT** to save. You hear a confirmation tone.





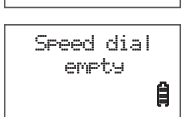


Delete a speed dial entry

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to scroll to **>Directory** and then press **MENU/SELECT**.
3. Press ▼ or ▲ to scroll to **>Speed dial**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to select a desired speed dial location.
5. Press **MUTE/DELETE** to clear the speed dial location.

   -OR-

   Press **MENU/SELECT** twice. Press ▼ or ▲ to scroll to **>Clear SD**, then press **MENU/SELECT**. The screen displays **Speed dial empty**. You hear a confirmation tone.



note Clearing the speed dial locations does not affect the entries in the directory.

Caller ID

About caller ID

This product supports caller ID services provided by most telephone service providers. Depending on your service subscription, you may see the caller's number, or the caller's name and number that are sent by your telephone service provider after the first or second ring. Caller ID allows you to see the name, number, date and time of calls.

Information about caller ID with call waiting

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even while on another call.

It may be necessary to change your telephone service to use this feature. Contact your telephone service provider if:

- You have both caller ID and call waiting, but as separate services (you may need to combine these services).
- You have only caller ID service, or only call waiting service.
- You do not subscribe to caller ID or call waiting services.

There may be fees for caller ID services. In addition, services may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone service providers use compatible equipment. The time and date are sent by your telephone service provider along with the call information.

You can use this product with regular caller ID service, or you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

Caller ID

Caller ID log

If you subscribe to caller ID service, information about each caller will appear after the first or second ring. If you answer a call before the caller information appears on the screen, it will not be saved in the caller ID log.

- The caller ID log stores up to 50 entries. Each entry has up to 24 digits for the phone number and 15 characters for the name. If the phone number has more than 15 digits, only the last 15 digits appear. If the name has more than 15 characters, only the first 15 characters are shown and saved in the caller ID log.
- You can review, redial and copy an entry into the directory.
- Entries appear in reverse chronological order.
- When the caller ID log is full, the oldest entry is deleted to make room for new incoming call information.
- **XX Missed calls** displays when there are new caller ID log entries that have not been reviewed.
- **Caller ID log empty** displays when you access the caller ID log with no records.
- Only one handset can review the caller ID log at a time. If a handset tries to enter the caller ID log while another handset is already in it, **Not available at this time** appears.

note

- The caller ID information may not be available for every incoming call. The callers may intentionally block their names and/or telephone numbers.
- For caller ID log entries with numbers between 16 and 24 digits, in order to view the entire number, you must save the entry to the directory (see page 41).
- If the phone number has more than 24 digits, it will not be saved or shown in the caller ID log.

Memory match

If the last seven digits of the incoming telephone number is an exact match with a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

For example, if Elizabeth Jones calls, her name appears as Liz if this is how you entered it into your directory.

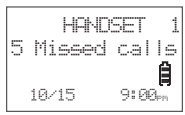
note

The number you see on your caller ID is in the format sent by the telephone service provider. It usually delivers 10-digit telephone numbers (area code plus telephone number). If the last seven digits of the incoming telephone number does not match a number in your directory, the name appears as it is delivered by the telephone service provider.

Caller ID

Missed call indicator

When there are calls that have not been reviewed in the caller ID log, the handset displays **XX Missed calls**. When you have reviewed all the missed calls, the missed call indicator no longer displays.



Each time you review a caller ID log entry marked ***NEW***, the number of missed calls decreases by one.

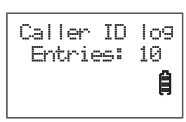
If you do not want to review the missed calls one by one, press and hold **OFF/CANCEL** when the handset is not in use to clear the missed call indicator. All the entries are then considered old and kept in the caller ID log.

Review the caller ID log

1. Press **CID/▼** when the handset is not in use.
2. Press ▼ or ▲ to browse.

-OR-

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to scroll to **>Caller ID log**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>Review**.
4. Press ▼ or ▲ to browse. You hear a double beep when you reach the beginning or end of the caller ID log.

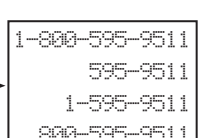


View dialing options

Although the caller ID log entries received have 10 digits (the area code plus the seven-digit number), in some areas, you may need to dial only the seven digits, or **1** plus the seven digits, or **1** plus the area code plus the seven digits. You can change the number of digits that you dial from the caller ID log and store the new number to the directory.

While reviewing the caller ID log, press **#** (pound key) repeatedly to display different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

Press # →



Press **1** repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

Press 1 →

When the number is displayed in the correct format for dialing, press TALK/**FLASH** or **SPEAKER** to dial.

Press 1 →

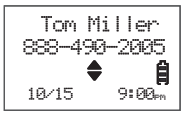
Caller ID

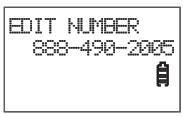
Dial a caller ID log entry

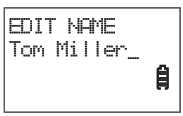
1. Search for the desired caller ID entry (see **Review the caller ID log** on page 40).
2. When the desired entry displays, press TALK/**FLASH** or **SPEAKER** to dial.

Save a caller ID log entry to the directory

1. Search for the desired caller ID entry (see **Review the caller ID log** on page 40).
2. Press **MENU/SELECT** to highlight an entry. The screen displays **EDIT NUMBER**.
3. Use the dialing keys to edit the number (up to 30 digits).
   - Press **MUTE/DELETE** to backspace and delete a digit.
   - Press and hold **MUTE/DELETE** to delete all digits.
   - Press ▼ or ▲ to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
4. Press **MENU/SELECT** to move to the name. The screen displays **EDIT NAME**.
5. Use the dialing keys to edit the name (up to 15 characters).
   - Press **0** to add a space.
   - Press **MUTE/DELETE** to backspace and delete a character.
   - Press and hold **MUTE/DELETE** to delete all characters.
   - Press ▼ or ▲ to move the cursor to the left or right.
   - Press **#** (pound key) to switch the order of the names. For example, Miller Tom becomes Tom Miller when you press **#** (pound key).
6. Press **MENU/SELECT** to save the entry to the directory. The screen displays **Saved** and you hear a confirmation tone.







note

- If the name received from your telephone service provider is all in capital letters, the first letter of every word remains a capital letter. However, the next letter after prefix **Mac**, **Mc**, **D'** or **O'** is kept as a capital letter. For example, the **D** in **MacDonald** is kept as a capital letter. Another exception is that **VAN DER** will be changed to **Van der**.
- When you try to save a caller ID entry without any caller ID information, the handset displays **Unable to save**.

Caller ID

Delete the caller ID log entries

To delete one entry:

1. Search for the desired caller ID entry (see **Review the caller ID log** on page 40).
2. Press **MUTE/DELETE** to delete the selected entry.

To delete all entries:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Caller ID log**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Del all calls**, then press **MENU/SELECT**. The screen displays **Delete all calls?** Press **MENU/SELECT** to confirm. You hear a confirmation tone and the screen returns to the previous menu.

Caller ID log display screen messages

Displays:	When:
PRIVATE NAME	The caller is blocking the name.
PRIVATE NUMBER	The caller is blocking the telephone number.
PRIVATE CALLER	The caller is blocking the name and number.
UNKNOWN NAME	This caller's name is unavailable.
UNKNOWN NUMBER	This caller's number is unavailable.
UNKNOWN CALLER	No information is available about this caller.

Answering system settings

Answering system

Use the answering system menu of a system handset to turn on or off the answering system, set up the announcement message, activate the call screening, or change the number of rings, remote access code, message alert tone and message recording time. If your answering system is turned off and you change any of its settings, the answering system automatically turns on again.

You may also turn on or off the answering system at the telephone base.

Announcement

The telephone is preset with a greeting that answers calls with *"Hello, please leave a message after the tone."* You can use this preset announcement, or replace it with your own.

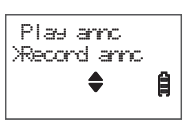
Record your own announcement

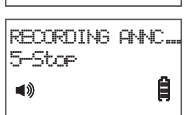
You can record an announcement up to 90 seconds, but announcements shorter than two seconds will not be recorded.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>Announcement**.
4. Press ▼ or ▲ to highlight **>Record annc**, then press **MENU/SELECT**. The system announces, *"Record after the tone. Press **5** when you are done"* and the screen shows **RECORDING ANNC... 5-Stop**.
5. After the tone, speak towards the handset microphone.
6. Press **5** when done. The answering system automatically plays back the newly recorded announcement, then returns to the previous menu.

   -OR-

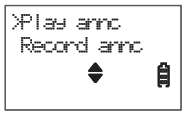
   Press **OFF/CANCEL** to exit without saving the recording.





Answering system settings

Play your announcement



1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>Announcement**.
4. Press **MENU/SELECT** to select **>Play annc**. The handset plays the announcement and the screen shows **PLAYING ANNC... 5-Stop**.
5. Press **5** to stop the playback and return to the previous menu or the handset screen automatically returns to the previous menu after the playback. Press **OFF/CANCEL** to return to the previous menu during playback.

Delete your announcement

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>Announcement**.
4. Press **MENU/SELECT** to select **>Play annc**.
5. When the handset is playing the announcement, press **MUTE/DELETE**. The handset displays **Annc. Deleted** and announces, *"Announcement deleted."*

note When your announcement is deleted, calls are answered with the preset announcement.

Answering system settings

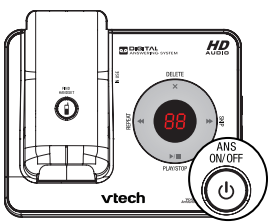
Answer on/off

The answering system must be turned on to answer and record messages. When the answering system is turned on, the **⏻/ANS ON/OFF** light on the telephone base turns on and **ANS ON** displays on the handset.

To turn on or off with the telephone base:

Press **⏻/ANS ON/OFF** to turn the built-in answering system on or off. When the answering system is turned on, it announces, "*Calls will be answered.*" When the answering system is turned off, it announces, "*Calls will not be answered.*"

To turn on or off with a handset:



1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Answer ON/OFF**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to choose **>On** or **>Off**, then press **MENU/SELECT**.

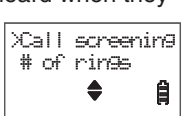
note

- When you turn on the answering system at the telephone base with no memory capacity left, the telephone announces, "*Memory is full. Calls will not be answered,*" and the answering system cannot be turned on. When you turn on the answering system with a handset, the handset displays **Memory full**.
- If the memory capacity is less than 3 minutes, the telephone announces, "*Less than 3 minutes to record,*" and the handset displays **Less than 3 min to record**.

Call screening

Use this feature to choose whether incoming messages can be heard when they are being recorded.

To turn on or off with a handset:



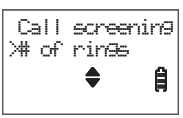
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** to select **>Call screening**.
5. Press ▼ or ▲ to choose **>On** or **>Off**, then press **MENU/SELECT** to save.

Answering system settings

Number of rings

You can choose from two, three, four, five, six rings or toll saver. With toll saver selected, the answering system answers after two rings when you have new messages, and after four rings when you have no new messages. This enables you to check for new messages and avoid paying unnecessary long distance charges if you are calling from out of your local area.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to highlight **># of rings**, then press **MENU/SELECT**.
5. Press ▼ or ▲ to choose **6**, **5**, **4**, **3**, **2** or **Toll saver**, then press **MENU/SELECT** to save.



note If you set the number of rings that the answering system answers calls as 3 rings, the answering system may not have enough time to announce the caller's full information.

Remote access code

A two-digit security code is required to access the answering system remotely from any touch-tone telephone. The preset code is **19**. You can set the code from **00** to **99**.

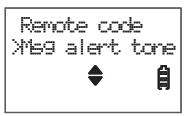
1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to highlight **>Remote code**, then press **MENU/SELECT**.
5. Use the dialing keys (**0**-**9**) to enter a two-digit number, then press **MENU/SELECT** to save.

Answering system settings

Message alert tone

The telephone base beeps every 10 seconds to alert you of new messages. The tone stops when all new messages have been reviewed.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to highlight **>Msg alert tone**, then press **MENU/SELECT**.
5. Press ▼ or ▲ to choose **>On** or **>Off**, then press **MENU/SELECT** to save.



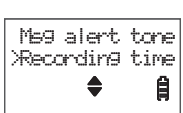
note

- The answering system must be turned on for the message alert tone to function.
- Press any key on the telephone base (except **/FIND HANDSET**) to temporarily silence the message alert tone.

Message recording time

You can set the recording time allowed for incoming messages. The message length is three minutes by default.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press ▼ or ▲ to highlight **>Recording time**, then press **MENU/SELECT**.
5. Press ▼ or ▲ to choose **>3 minutes**, **>2 minutes**, or **>1 minute**, then press **MENU/SELECT** to save.



Answering system operation

Answering system and voicemail

Your telephone has separate indicators for two different types of voice messages: those left on its built-in answering system and those left at your service provider's voicemail. Your telephone's built-in answering system messages and voicemail messages are separate. Each alerts you to new messages differently.

- If and **XX New messages** display on the handset and the message window on the telephone base flashes, there are new messages in the built-in answering system. To listen to the messages recorded on your digital answering system, press **▶/■/PLAY/STOP** on the telephone base. To listen to messages with a handset, see **To play messages with a handset** on page 51.
- If and **New voicemail** display on the handset, your telephone service provider is indicating that it has new voicemail for you. To listen to your voicemail, you typically dial an access number provided by your telephone service provider, followed by a security code or PIN.

Some service providers bundle or combine multiple services like voicemail and call waiting, so you may not be aware that you have voicemail. To check what services you have and how to access them, contact your telephone service provider.

To use your voicemail service rather than your answering system, turn off your answering system. To use your answering system rather than your voicemail service, contact your telephone service provider to deactivate your voicemail service.

Using the answering system and voicemail together

You can also use your telephone answering system and voicemail together by setting your built-in answering system to answer before voicemail answers as described below. To learn how to program your voicemail settings, contact your telephone service provider. Then, if you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, if your voicemail answers after six rings, set your answering system to answer after four rings. Some voicemail providers may program the delay before answering calls in seconds instead of rings. In this case, allow six seconds per ring when determining the appropriate setting.

Answering system operation

Message capacity

The answering system can record and store up to 99 messages. The recording time of each message depends on the message length you set (see **Message recording time** on page 47). The total storage capacity for the announcement, messages and memos is approximately 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

New message indication

The message window on the telephone base flashes and **XX New messages** displays on the handset when there are new answering system messages.

If the message alert tone is turned on, the telephone base beeps every 10 seconds when there are messages that have not been reviewed.

Call screening

Call screening at the telephone base:

If the answering system and call screening are on (see **Call screening** on page 45), the announcement and the incoming message broadcast at the telephone base while the call is answered by the answering system.

Options while a message is being recorded:

- Press ▲/**VOL** or ▼/**VOL** on the telephone base to adjust the call screening volume.
- Press ▶/■/**PLAY/STOP** to temporarily silence the call screening.
- Press ▶/■/**PLAY/STOP** or ▲/**VOL** to temporarily turn on the call screening if call screening is set to off.

Call screening at the handset:

If the answering system is on and your answering system is recording a message, your handset shows **To screen call, press [SELECT]**. Press **MENU/SELECT** to screen the call on your handset and the screen displays the caller ID information. If you do not subscribe to caller ID service, the handset shows **Screening...**

note The call screening setting does not affect the call screening on the handset.

Call intercept

If you want to talk to the person whose message is being recorded, press TALK/**FLASH** or 🔊/**SPEAKER** on the handset.

Answering system operation

Message playback

On the telephone base, if you have new messages, the telephone plays only the new messages (oldest first). If there are no new messages, the telephone plays back all messages (oldest first).

On the handset, if you have both new and old messages, you can play either new or old messages. The caller ID information displays on the handset screen when you play messages and you can call back the caller.

When playback begins, you hear the total number of messages followed by the day and time of the message. If the time and date are not set, the telephone announces, *"Time and date not set."* After the last message, the telephone announces, *"End of messages."*

To play messages with the telephone base:

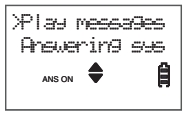
- Press ▶/■**/PLAY/STOP** when the telephone is not in use.

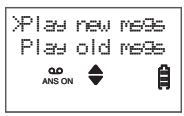
Options during playback:

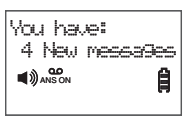
- Press ▲**/VOL** or ▼**/VOL** to adjust the speaker volume.
- Press ▸▸**/SKIP** to skip to the next message.
- Press ◂◂**/REPEAT** once to repeat the message currently playing. Press ◂◂**/REPEAT** twice to listen to the previous message.
- Press **X/DELETE** to delete the message currently playing. The system advances to the next message.
- Press ▶/■**/PLAY/STOP** to stop. The telephone plays a long beep.

Answering system operation

To play messages with a handset:







1. Press **MENU/SELECT** when the handset is not in use.
2. Press **MENU/SELECT** to select **>Play messages**. If you have either new or old messages, the messages play automatically. If you have both new and old messages:
   - To play new messages, press **MENU/SELECT** to select **>Play new msgs**.
   - To play old messages, press ▼ or ▲ to highlight **>Play old msgs**, then press **MENU/SELECT**.

   When the handset is playing a message, its screen shows the caller's name or number. If the caller's information is unavailable, the handset shows **No caller info**.

Options during playback:

- Press **MENU/SELECT** to pause the playback, and display the caller's information, then press **TALK/FLASH** or **SPEAKER** to call back the caller. If you do not press **TALK/FLASH** within 10 seconds, message playback resumes automatically.
- Press **TALK/FLASH** to stop the playback and the screen displays **Call back?** then press **MENU/SELECT**, **TALK/FLASH** or **SPEAKER** to call back the caller.
- Press **▼/VOLUME** or **▲/VOLUME** to adjust the speaker volume.
- Press **EQ** to adjust the handset message playback audio quality.
- Press **6** to skip to the next message.
- Press **4** once to repeat the message currently playing. Press **4** twice to listen to the previous message.
- Press **MUTE/DELETE** to delete the message currently playing. The system announces, *"Message deleted,"* and advances to the next message.
- Press **5** to stop.

note

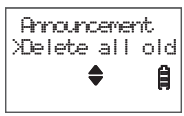
- When the answering system has less than three minutes of recording time left, it announces, *"Less than three minutes to record."*
- When the telephone is not in use, if **F** and the number of messages are flashing alternately in the message window, or the handset displays **Rec mem full**, the memory is full. Delete some messages to make room for more.

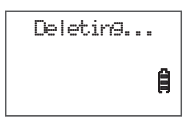
Answering system operation

Delete all old messages

To delete all old messages with the telephone base:

1. Press **X/DELETE** when the phone is not in use. The telephone announces, *"To delete all old messages, press **DELETE** again."*
2. Press **X/DELETE** again. All previously heard messages are deleted and the telephone announces, *"All old messages deleted."*





To delete all old messages with a handset:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering Sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Delete all old**, then press **MENU/SELECT**. The handset displays **Delete all old messages?** If there are no old messages in the answering system, the handset displays **No old messages to delete**.
4. Press **MENU/SELECT** to save. The handset displays **Deleting...** and then **All old msgs deleted!** You hear a confirmation tone.

note You can only delete old messages, which are messages you have played.

Answering system operation

Record, play and delete memos

Memos are your own recorded messages used as reminders for yourself or others using the same answering system. You can record your own memos using a system handset. Play and delete them in the same way as incoming messages (see **Message playback** on pages 50-51).

To record a memo:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ▼ or ▲ to highlight **>Answering Sys**, then press **MENU/SELECT**.
3. Press ▼ or ▲ to highlight **>Record memo**, then press **MENU/SELECT**.
4. The system announces, *"Record after the tone. Press **5** when you are done."* After the tone, speak towards the handset microphone.
5. Press **5** when you finish recording. The system announces, *"Recorded."*

note

- *"Memory is full"* is announced if you record a memo when the memory is full.
- Each memo can be up to four minutes in length.
- Memos shorter than two seconds are not recorded.

Message window displays

Window display	Description
0	No message.
1–99	The total number of old messages recorded. The message number currently playing.
0–99 (flashing)	When time and date are not set, it flashes **0**, the total number of new messages recorded, or total number of old messages recorded. The telephone base may have lost and regained power. The clock needs to be set.
1–99 & F (alternating)	The answering system memory is full with total number of messages recorded.
1–8	The telephone base speaker volume level while adjusting.
0–6	The telephone base ringer level while adjusting.
----	The system is answering a call, or recording a memo or announcement. The telephone is answering a call or being accessed remotely. The answering system is being programmed.

Answering system operation

Remote access

A two-digit security code is required to access the answering system remotely from any touch-tone telephone. The preset code is **19**; see **Remote access code** on page 46 to change it.

1. Dial your telephone number from any touch-tone telephone.
2. When the system plays your announcement, enter the two-digit security code.
3. Then you can enter one of the following remote commands.

Command	Function
1	Play all messages.
2	Play new messages.
3	Delete the current message (during playback).
33	Delete all old messages.
4	Repeat the current message (during playback).
44	Listen to the previous message (during playback).
5	Stop.
***5**	Hear a list of remote commands.
6	Skip to the next message (during playback).
***7**	Record a new announcement.
8	End the call.
0	Turn the answering system on or off.

4. Hang up or press **8** to end the call.

note

- If you do not press any keys after you enter the remote access code, all new messages play. If there are no new messages, all old messages play.
- Once the new messages have played, the telephone announces the help menu options. If you do not press any key within 20 seconds, the remote access call automatically disconnects.
- When the answering system is turned off, the telephone answers after 10 rings, and announces, *“Please enter your remote access code.”*
- When the answering system memory is full, the telephone announces, *“Memory is full. Enter the remote access code.”*

Appendix

Handset display screen messages

Answering sys is ON	The answering system is automatically turned on when you change the settings under answering system setup menu.
Caller ID log empty	There are no caller ID log entries.
Calling HANDSET X (for models with three or more handsets) Calling other handset (for models with two handsets)	Calling another handset (intercom).
Directory empty	There are no directory entries.
Directory full	The directory is full.
Ended	You have just ended a call.
HANDSET X is calling (for models with three or more handsets) Other handset is calling (for models with two handsets)	Another system handset is calling (intercom).
Incoming call	There is an incoming call.
Intercom	The handset is on an intercom call.
Intercom ended	You have just ended an intercom call.
Line in use	A system handset or another telephone on the same line is in use, or the answering system is answering a call.
Low battery	The handset battery needs to be recharged.
Microphone ON	**MUTE** is turned off and the person on the other end can hear you.
Muted	You have turned off the handset microphone. The other party cannot hear you but you can hear the other party.
New voicemail	There are new voicemail messages from your telephone service provider.
No answer. Try again	You have attempted to make an intercom call, but the handset you are calling is in the directory, in the caller ID log or out of range, or the handset you are calling is accessing the answering system or on an outside call.

Appendix

No battery	No battery is installed. Follow the directions for battery installation on page 3 to install the battery before charging.
No line	There is no telephone line connected.
No signal, call ended	Communication between the handset and telephone base is lost during a call.
Not available at this time	One handset is already viewing the caller ID log or directory, and another handset attempts to review it. You attempt to place a PTT call to another handset which is on an outside call or intercom call, or accessing the answering system.
Number already saved	The telephone number entered is already stored in the directory.
Out of range OR No pwr at base	The handset cannot communicate with the telephone base. Check the telephone base power connection or move closer.
** Paging **	The system handset is being paged.
Phone	The handset is on a call.
Place in charger	The battery is very low. Place the handset in the telephone base or charger for recharging.
Rec mem full	The answering system memory is full
Rec mem low	The answering system has less than three minutes of recording time left.
Ringer muted	The ringer is muted temporarily during an incoming or intercom call.
Ringer off	The ringer is turned off.
Saved	Your selection has been saved.
Speaker	The handset speakerphone is in use.
Unable to call. Line in use	You are attempting to predial a number while the telephone line is in use.
Unable to call. Try again	You try to join a call when there are already four handsets on that call, or to make an outside call when another handset is transferring a call with the intercom feature.
Unable to save	You are attempting to save a caller ID entry without a name and number into the directory.
XX Missed calls	There are XX calls that have not been reviewed in your caller ID log.
XX New messages	There are XX new messages in the answering system.

Appendix

Handset and telephone base indicators

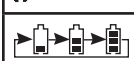
Handset lights

	On when the handset speakerphone is in use.
CHARGE	On when the handset is charging in the telephone base or charger.

Telephone base lights

IN USE	On when the telephone line is in use. On when the answering system is answering a call. On when you are registering a handset. Flashes quickly when there is an incoming call. Flashes when another telephone sharing the same line is in use. Flashes when you are deregistering all handsets.
⏻/ANS ON/OFF	On when the answering system is turned on.

Handset icons

	The battery icon flashes when the battery is low and needs charging.
	The battery icon animates when the battery is charging.
	The battery icon becomes solid when the battery is fully charged.
	The speakerphone is in use.
	The handset ringer is off.
	There are new voicemail received from your telephone service provider.
ANS ON	The answering system is turned on.
	There are new answering system messages.
NEW	There are new caller ID log entries.
MUTE	The microphone is muted.
	The message number currently playing and total number of messages recorded.

Appendix

Expand your telephone system

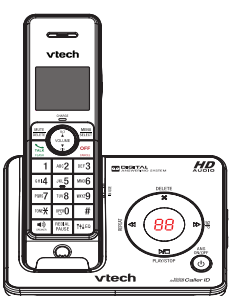
The handsets provided with your telephone system are already registered. Each handset is assigned a number that displays on the handset. Additional handsets registered to the telephone system are assigned in sequential order. For instance, if the telephone system already has **HANDSET 1** and **HANDSET 2**, the new registered handset is assigned **HANDSET 3**. After registration, you may rename the handsets (see **Rename handset** on page 16). This telephone system accommodates up to 12 handsets.

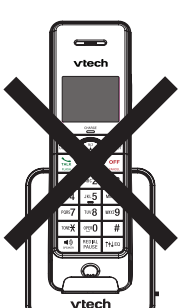
Add and register a handset

You can add new handsets (**LS6405**, purchased separately) to your telephone system. Each handset must be registered with the telephone base before use. When first purchased, each handset displays **Put HS on BASE to register**. You may need to charge the handset before registering it to the telephone base. For more details on battery charging, see page 4.

To register a handset:

1. Make sure the handset is out of the telephone base or handset charger and shows **Put HS on BASE to register**. Place the handset you wish to register in the telephone base.
2. The handset displays **Registering...Please wait** and the red **IN USE** light on the telephone base turns on. It takes about 90 seconds to complete the registration process. The handset displays **HANDSET X Registered** (**X** represents the registered handset number). The **IN USE** light turns off and the handset beeps when registration completes.





If registration fails, the system will automatically try to register again. If registration fails after the third try, the handset displays **Registration failed** then **Put HS on BASE to register**. This may take up to five minutes to occur.

To reset the handset, remove it from the telephone base. When the handset displays **Put HS on BASE to register**, try the registration process again.

note After registration, the date and time need to be reset. For instructions, see **Set date and time** on page 13.

Appendix

Deregister handsets

If you want to replace a handset, or reassign the designated handset number of a registered handset, you must deregister all handsets that are registered to the telephone base. Then register each handset individually.

To make deregistration easier, read all of the instructions on this page before you begin.

Make sure that all handsets are out of the telephone base and handset chargers before you begin deregistration.

To deregister all handsets:

1. Press and hold **/FIND HANDSET** on the telephone base for about 10 seconds until the **IN USE** light on the telephone base turns on and starts flashing.
2. Press and release **/FIND HANDSET** again. You must press **/FIND HANDSET** while the **IN USE** light is still flashing. The **IN USE** light flashes for approximately seven seconds.
3. The deregistration process takes about 10 seconds to complete. All handsets show **Put HS on BASE to register**.

If deregistration fails, you may need to reset the telephone base and try again.

To reset:

- Pick up the registered handset and then press **/FLASH.**

  -OR-

- Unplug the power from the telephone base, then plug it back in.

note You cannot deregister all handsets if any other system handset is in use.

Appendix

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For customer service, visit our website at www.vtechphones.com, or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

My telephone does not work at all.

- Make sure the battery is installed and charged correctly (pages 3-4). For optimum daily performance, return the handset to the telephone base or charger after use.
- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.
- Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- Charge the battery in the handset for up to 10 hours.
- If the battery is completely depleted, charge the handset for at least 30 minutes before use (page 4).
- Remove and then install the battery again. If that still does not work, it may be necessary to purchase a new battery.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or telephone service. Contact your telephone service provider.

The display shows No line. I cannot get a dial tone.

- Try all the above suggestions.
- Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.
- Disconnect the telephone line cord from your telephone and connect it to another telephone. If there is no dial tone on that other telephone either, then the telephone line cord may be defective. Try installing a new telephone line cord.
  If changing the telephone line cord does not help, the wall jack (or the wiring to this wall jack) may be defective. Contact your telephone service provider.

I cannot dial out from my cordless handset.

- Try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the handset takes a second or two to synchronize with the telephone before producing a dial tone. Wait an extra second before dialing.
- If other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.
- Eliminate any background noise. Mute the cordless handset before dialing, or dial from another room in your home with less background noise.

Appendix

Troubleshooting

Low battery shows on screen.

- Place the handset in the telephone base or charger for recharging.
- Remove and then install the battery again and use it until fully depleted. Then recharge the handset in the telephone base or charger for up to 10 hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the handset or the handset battery does not accept charge.

- Make sure the handset is placed in the telephone base or charger correctly. The **CHARGE** light on the handset should be on.
- Remove and then install the battery again, then charge for up to 10 hours.
- If the handset is in the telephone base or charger but the **CHARGE** light on the handset is not on, refer to **The CHARGE light is off** below.
- If the battery is completely depleted, charge the handset for at least 30 minutes before use (page 4).
- Purchase a new battery. Refer to **Battery installation** (page 3) and **Battery charging** (page 4).

The CHARGE light is off.

- Clean the charging contacts on the handset and telephone base each month with a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cord are plugged in correctly and securely.
- Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the handset and telephone base to reset.

The telephone does not ring when there is an incoming call.

- Make sure the handset ringer volume is not set to the lowest level (page 12) and the telephone base ringer volume is not set to zero (page 12).
- Make sure the telephone line cord and power adapter are plugged in properly (page 2).
- The handset may be too far from the telephone base. Move it closer to the telephone base.
- There may be too many extension phones on the telephone line to allow all of them to ring simultaneously. Unplug some of them.
- If other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your telephone service provider.
- The telephone line cord may be defective. Install a new telephone line cord.
- Remove and then install the battery again and place the handset in the telephone base or charger.
- Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Appendix

Troubleshooting

My handset beeps and is not performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the telephone base into a different working electrical outlet not controlled by a wall switch.
- Move the handset closer to the telephone base. It may be out of range.
- Reset the telephone base by unplugging the electrical power to the base. Wait for 15 seconds and plug it back in again. Allow up to one minute for the cordless handset and the telephone base to synchronize.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

I hear noise on the cordless handset and the keys do not work.

- Make sure the telephone line cord is plugged in securely.

There is interference during a telephone conversation. My calls fade out when I am using the cordless handset.

- The handset may be out of range. Move it closer to the telephone base.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance.
- Disconnect the telephone base from the telephone wall jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).
- If other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.

Appendix

Troubleshooting

I hear other calls when using the cordless handset.

- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or telephone service. Call your telephone service provider.

The other party cannot hear my voice during a call.

- Make sure the mute feature is not turned on during a call (page 20).

Registration failed appears on the handset.

- You may already have 12 handsets which the system can accommodate. See **Expand your telephone system** on page 59.
- Follow the steps on **Common cure for electronic equipment** (page 67), then try again to register a handset.

My caller ID features are not working properly.

- Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your telephone.
- The caller may not be calling from an area which supports caller ID.
- Both your and your caller's telephone service providers must use equipment compatible with the caller ID service.
- The caller ID information shows after the first or second ring.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

The telephone does not receive caller ID or the telephone does not show caller ID during call waiting.

- Make sure you subscribe to caller ID with call waiting features provided by your telephone service provider.
- The caller may not be calling from an area which supports caller ID.
- Both your and your caller's telephone service providers must use equipment compatible with caller ID service.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

Appendix

Troubleshooting

Caller ID entries do not match the numbers I need to dial.

- Caller ID service delivers 10 digits (the area code plus the seven-digit number). If you need to dial something other 10 digits, see **View dialing options** on page 40 for instructions on changing the number.
- If you dial seven digits for local calls, you may want to use the home area code feature (page 17).

Out of range OR No pwr at base shows in the handset screen.

- The handset may be out of range. Move it closer to the telephone base.
- Make sure the power cord is securely plugged into the telephone base. Use a working electrical outlet not controlled by a wall switch.
- Reset your telephone by unplugging the power adapter from the telephone base. Disconnect the battery from the cordless handset. Wait for 15 seconds, then plug in the power adapter and install the battery again. Place the handset in the telephone base and allow up to one minute for the handset and telephone base to synchronize.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

New voicemail and show on the display and I don't know why.

- Your telephone has voicemail indication that is separate from the built-in answering system. If **New voicemail** and appear on the display, then your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from your telephone service provider. Contact your telephone service provider for more information on how to access your voicemail.

I cannot retrieve voicemail messages.

- Your telephone has both a built-in answering system and voicemail indication. They are independent features and each alerts you to new messages differently (page 48). If you subscribe to voicemail service from your telephone service provider (charges may apply), contact your telephone service provider for more information on how to access your voicemail.

The answering system does not answer after the correct number of rings.

- Make sure the answering system is on. When the answering system is on, the **⏻/ANS ON/OFF** light on the telephone base should be lit and **ANS ON** should show on the handset.
- If toll saver is selected, the number of rings changes to two when there are new messages waiting (page 46).
- If the memory is full or if the answering system is off, the answering system answers after 10 rings.
- In some cases, the answering system is affected by the ringing system used by your telephone service provider.

Appendix

Troubleshooting

- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 46). To determine how many rings activate your voicemail, contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The outgoing announcement is not clear.

- When recording the announcement, make sure you speak in a normal tone of voice towards the microphone of the handset.
- Make sure there is no background noise when recording.

The answering system does not record messages.

- Make sure the answering system is on (page 45).
- When the answering machine memory is full, it does not record new messages until some old messages are deleted.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 46). To determine how many rings activate your voicemail, contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The messages on the answering system are very difficult to hear.

- Press **▲/VOL** on the telephone base or **▲/VOLUME** on the handset to increase the speaker volume.

The messages on the answering system are incomplete.

- The recording time of each message depends on the message recording time you set (page 47).
- If a caller leaves a very long message, part of it may be lost when the answering system disconnects the call after the preset message recording time.
- If the memory on the answering system becomes full during a message, the answering system stops recording and disconnects the call.
- If the caller's voice is very soft, the answering system may stop recording and disconnect the call.

Appendix

Troubleshooting

The answering system does not respond to remote commands.

- Make sure your remote access code is correct (page 46).
- Make sure you are calling from a touch-tone telephone. When dialing a number, there should be tones. If there are clicks, then it is not a touch-tone telephone and cannot activate the answering system.
- The answering system may not detect the remote access code when your announcement is playing. Wait until the announcement is over before entering the code.
- There may be interference on the telephone line you are using. Press the dialing keys firmly when dialing.

I subscribe to a nontraditional telephone service that uses my computer to establish connections, and my telephone doesn't work.

- Make sure your computer is powered on.
- Make sure your Internet connection is working properly.
- Make sure that the software is installed and running for your nontraditional telephone service.
- Make sure to plug your USB telephone adapter into a dedicated USB port on your computer. Do not plug into a multiple port USB hub (USB splitter) that is not powered.
- In a few rare instances, the USB port on your computer may not have enough power. In these instances, try using a USB hub with its own external power supply.
- If you are using a firewall, it may prevent access to your nontraditional telephone service. Contact your service provider for more information.

Common cure for electronic equipment.

- If the telephone is not responding normally, put the cordless handset in the telephone base. If it does not fix the problem, try the following (in the order listed):
  1. Disconnect the power to the telephone base.
  2. Disconnect the battery on the cordless handset.
  3. Wait a few minutes before connecting power to the telephone base.
  4. Remove and then install the battery again and place the cordless handset in the telephone base or charger.
  5. Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Appendix

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home or office, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    - When the power supply cord or plug is damaged or frayed.
    - If liquid has been spilled onto the product.
    - If the product has been exposed to rain or water.
    - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    - If the product has been dropped and the telephone base and/or handset has been damaged.
    - If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.
15. Only put the handset of your telephone next to your ear when it is in normal talk mode.
16. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

SAVE THESE INSTRUCTIONS

Appendix

Important safety instructions

Battery

- CAUTION: Use Only Supplied Battery.
- Do not dispose of the battery in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

- Should keep wireless telephones at least six inches from the pacemaker.
- Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

About cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR often reduces or eliminates the interference.
- **Rechargeable batteries:** Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

Appendix

Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset displays **Out of range OR No pwr at base**.

If there is a call while the handset is out of range, it may not ring, or if it does ring, the call may not connect well when you press TALK/**FLASH**. Move closer to the telephone base, then press TALK/**FLASH** to answer the call.

If the handset moves out of range during a telephone conversation, there may be interference. To improve reception, move closer to the telephone base.

Maintenance

Taking care of your telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL. Then remove the telephone by the unplugged cords.

Appendix

The RBRC® seal

The RBRC® seal on the nickel-metal hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1 (800) 8 BATTERY™** for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Appendix

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian requirement:
CAN ICES-3 (B)/NMB-3(B).

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See the installation instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, contact your telephone service provider.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

Appendix

FCC, ACTA and IC regulations

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited warranty.

If this equipment is causing harm to the telephone network, the telephone service provider may temporarily discontinue your telephone service. The telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

The term ‘‘IC:’’ before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Appendix

California Energy Commission battery charging testing instructions

This telephone is set up to comply with the energy-conserving standards right out of the box. These instructions are intended for California Energy Commission (CEC) compliance testing only. When the CEC battery charging testing mode is activated, all telephone functions, except battery charging, will be disabled.

To activate the CEC battery charging testing mode:

1. Unplug the telephone base power adapter from the power outlet. Make sure all handsets are plugged with charged batteries before proceeding.
2. While you press and hold **/FIND HANDSET**, plug the telephone base power adapter back to the power outlet.
3. After about 20 seconds, when the **IN USE** light starts flashing, release **/FIND HANDSET** and then press it again within 2 seconds.

When the phone successfully enters the CEC battery charging testing mode, the **IN USE** light turns off and all handsets display **Put HS on BASE to register**.

When the phone fails to enter this mode, repeat Step 1 through Step 3 above.

Note: The telephone base will be powered up as normal if you fail to press **/FIND HANDSET** within 2 seconds in Step 3.

To deactivate the CEC battery charging testing mode:

1. Unplug the telephone base power adapter from the power outlet, then plug it back in. Then the telephone base is powered up as normal.
2. Register your handsets back to the telephone base. See page 58 for handset registration instructions.

Appendix

For C-UL compliance only

Mesures de sécurité importantes

Afin de réduire les risques d'incendie, de blessures corporelles ou d'électrocution, suivez toujours ces mesures préventives de base lorsque vous utilisez votre téléphone :

1. Lisez et comprenez bien toutes les instructions.
2. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
3. Débranchez ce téléphone de la prise murale avant de le nettoyer. N'utilisez pas de nettoyeurs liquides ni en aérosol. N'utilisez qu'un chiffon doux et légèrement humecté.
4. N'utilisez pas ce produit près de l'eau, tel que près d'un bain, d'un lavabo, d'un évier de cuisine, d'un bac de lavage ou d'une piscine, ou dans un sous-sol humide ou sous la douche.
5. Ne déposez pas ce téléphone sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.
6. Le boîtier de l'appareil est doté de fentes et d'ouvertures d'aération situées à l'arrière ou en dessous. Afin d'empêcher la surchauffe, ces ouvertures ne doivent pas être obstruées en plaçant l'appareil sur un lit, divan, tapis ou autre surface similaires. Ne placez pas cet appareil à proximité d'un élément de chauffage ni d'une plinthe électrique. De plus, ne l'installez pas dans une unité murale ou un cabinet fermé qui ne possède pas d'aération adéquate.
7. Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur les étiquettes de l'appareil. Si vous ne connaissez pas le voltage de votre maison, consultez votre marchand ou votre fournisseur d'électricité.
8. Ne déposez rien sur le cordon d'alimentation. Installez cet appareil dans un endroit sécuritaire, là où personne ne pourra trébucher sur la ligne d'alimentation ni le cordon téléphonique modulaire.
9. N'insérez jamais d'objets à travers les fentes et ouvertures de cet appareil, car ils pourraient toucher à des points de tension dangereux ou court-circuiter des pièces, ce qui constituerait un risque d'incendie ou d'électrocution. N'échappez pas de liquides dans l'appareil.
10. Afin de réduire les risques d'électrocution, ne démontez pas l'appareil, mais apportez-le plutôt à un centre de service qualifié s'il doit être réparé. En enlevant le couvercle, vous vous exposez à des tensions dangereuses ou autres dangers similaires. Un remontage inadéquat peut être à l'origine d'une électrocution lors d'une utilisation ultérieure de l'appareil. Débranchez l'appareil avant de procéder au nettoyage. Utilisez un chiffon humide et doux.
11. Ne surchargez pas les prises de courant et les rallonges.
12. Débranchez cet appareil de la prise de courant et communiquez avec le département de service à la clientèle de VTech dans les cas suivants:
    - Lorsque le cordon d'alimentation est endommagé ou écorché.
    - Si du liquide a été échappé dans l'appareil.
    - Si l'appareil a été exposé à une source d'humidité telle que la pluie ou l'eau.
    - Si le produit ne fonctionne pas normalement en respectant les instructions de fonctionnement. Réglez uniquement les commandes indiquées dans le les instructions de fonctionnement. Les réglages incorrects des autres commandes pourraient provoquer un dommage qui pourrait exiger un travail exhaustif de la part d'un technicien autorisé afin de rétablir le fonctionnement normal de l'appareil.
    - Si le produit a été échappé et que le socle et/ou le combiné a été endommagé.
    - Si le produit affiche une nette diminution de sa performance.
13. Évitez d'utiliser un téléphone (autre qu'un sans fil) pendant un orage. Les éclairs peuvent être à l'origine d'une électrocution.

Appendix

For C-UL compliance only

14. N'utilisez pas le téléphone pour rapporter une fuite de gaz à proximité de la fuite. En certaines circonstances, une flammèche pourrait être provoquée lorsque l'adaptateur est branché à une prise de courant, ou lorsque le combiné est déposé sur le socle. Ceci est un événement commun associé à la fermeture d'un circuit électrique. L'utilisateur ne devrait pas brancher le téléphone à une prise de courant, et ne devrait pas déposer le combiné chargé sur le socle, si le téléphone se trouve à proximité d'un endroit comportant des concentrations de gaz inflammables, à moins que la ventilation soit adéquate. Une flammèche dans un tel endroit pourrait provoquer un incendie ou une explosion. De tels environnements peuvent comprendre: des endroits où l'on utilise de l'oxygène médical sans ventilation adéquate; des gaz industriels (dissolvants de nettoyage, des vapeurs d'essence, etc.); une fuite de gaz naturel, etc.
15. Ne placez que le combiné de votre téléphone près de votre oreille lorsqu'en mode de conversation.
16. Ces adaptateurs ont été conçus pour être orientés en position verticale ou montés au sol. Les broches ne sont pas conçues pour maintenir l'adaptateur en place si celui-ci est barnché dans une prise au plafond ou sous une table/ armoire.

CONSERVEZ CES INSTRUCTIONS

Pile

- MISE EN GARDE : N'utilisez que la pile incluse.
- Ne jetez pas la pile au feu. Vérifiez les instructions spécifiques de mise aux rebus auprès des autorités locales.
- N'ouvrez pas et ne mutilez pas la pile. L'électrolyte qui s'en échapperait est corrosif et pourrait causer des brûlures ou des blessures aux yeux ou à la peau. L'électrolyte est toxique si avalé.
- Soyez prudents lorsque vous manipulez les piles afin d'éviter les courts-circuits provoqués par des matériaux conducteurs. .
- Rechargez la pile incluse ou identifiée pour fonctionner avec cet appareil, selon les instructions et limites spécifiées dans ce guide d'utilisation.

Stimulateurs cardiaques implantés dans l'organisme

Les simulateurs cardiaques (s'applique uniquement aux téléphones numériques sans fil) :

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implantés dans l'organisme. Appuyée par l'Administration des aliments et drogues (FDA) des États-Unis, la firme WTR recommande aux médecins :

Avis aux détenteurs de stimulateurs cardiaques

- Ils doivent tenir le téléphone sans fil à une distance d'au moins six pouces du stimulateur cardiaque.
- Ils ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en marche.
- Ils doivent utiliser le téléphone sans fil en l'appuyant sur l'oreille qui se trouve dans la direction opposée au stimulateur cardiaque.

L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de simulateurs cardiaques causés par les gens qui utilisent un téléphone sans fil à proximité de ceux-ci.

Appendix

For C-UL compliance only

À propos des téléphones sans fil

- **Confidentialité** : Les mêmes caractéristiques qui constituent des avantages pour les téléphones sans fil affichent également des restrictions. Les appels téléphoniques sont transmis entre le combiné sans fil et le socle par le biais d'ondes radio ; il y a donc la possibilité que vos conversations téléphoniques sans fil soient interceptées par des équipements de réception radio se trouvant dans la portée du combiné sans fil. Pour cette raison, vous ne devez pas percevoir les communications téléphoniques sans fil comme étant aussi confidentielles que celles des téléphones à cordons.
- **Alimentation électrique** : Le socle de ce téléphone sans fil doit être branché à une prise électrique fonctionnelle. La prise électrique ne doit pas être contrôlée par un interrupteur mural. Les appels ne pourront pas être effectués du combiné sans fil si le socle est débranché ou mis hors tension ou si le courant est coupé.
- **Possibilité d'interférences aux téléviseurs** : Certains téléphones sans fil fonctionnent sur des fréquences pouvant causer des interférences aux téléviseurs et aux magnétoscopes. Pour réduire ou prévenir de telles interférences, ne placez pas le socle du téléphone sans fil près ou sur un téléviseur ou magnétoscope. S'il y a présence de parasites, il est conseillé d'éloigner le téléphone sans fil du téléviseur ou du magnétoscope afin de réduire possiblement les interférences.
- **Piles rechargeables** : Manipulez les piles avec soin afin de ne pas les court-circuiter avec des bagues, bracelets ou clés. Les piles ou le conducteur peut surchauffer et causer des blessures. Respectez la polarité adéquate entre la pile et le chargeur.
- **Les bloc-piles rechargeables à l'hydrure métallique de nickel :** Jetez ces blocs-piles de manière écologique et sécuritaire. Ne les incinérez pas et ne les percez pas. Tel que les autres piles de ce type, elles pourraient dégager une matière toxique qui peut causer des blessures corporelles si elles sont brûlées ou percées.

Appendix

Limited warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase (“Consumer” or “you”) that the Product and all accessories provided in the sales package (“Product”) are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period (“Materially Defective Product”)?

During the limited warranty period, VTech’s authorized service representative will repair or replace at VTech’s option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech’s option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 on the next page); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

Appendix

Limited warranty

How do you get warranty service?

To obtain warranty service, please visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix

Technical specifications

Frequency Control	Crystal controlled PLL synthesizer
Transmit frequency	Handset: 1921.536-1928.448 MHz Telephone base: 1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Handset: 2.4V Ni-MH battery Telephone base: 6V DC @ 400mA Charger: 6V AC @ 300mA
Memory	Handset directory: 50 memory locations; up to 30 digits and 15 characters Handset caller ID log: 50 memory locations; up to 24 digits and 15 characters

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